

High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Sciences
Education

Pathway: Welding

Region: Southeast	District:	School:	College/Institution: Articulation Agreement in place? Yes Name of Degree or Certificate: AAS in Welding Technology
Contact Person: Geniva Brooks		Ph.#: (435) 613-2120	
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
4162C	Introduction to Writing [^]	.5	3	ENGL 1010	Introduction to Writing	3
4150C	Honors English 12*	.5	3			
4160C	Literature & Composition*	.5	3			
				MATH 1020	Trade Mathematics (or higher mathematics course)	3
					Human Relations Course	3
					Elective	3

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:** *= concurrent ^= distant

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Course CIP #	CTE Pathway Courses (credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
	Foundation Courses: (required)					
48.0508	Welding *	1.00	7	WELD 1100	Shielded Metal Arc Welding (SMAW)	7
			3	WELD 1110	Advanced Shielded Metal Arc Welding (SMAW)	3
			7	WELD 1120	Beginning Gas Metal Arc Welding (GMAW) & Flux Cored Arc Welding (FCAW)	7
			3	WELD 1130	Advanced Gas Metal Arc Welding (GMAW) & Flux Cored Arc Welding (FCAW)	3
				WELD 1140	Related Welding Processes	7
				WELD 1150	Beginning Gas Tungsten Arc Welding (GTAW)	7
				WELD 2400	Print Reading for Welders	3
				WELD 2410	Practical Fabrication and Layout	3
				WELD 2500	Weld Inspection	3
				WELD 2600	Metallurgy	3
				EDDT 1040	CAD Level I: Introduction to CAD	3
				MACH 1010	Machine Tool Technology	3
	Elective Courses:					
15.1301	Drafting & Design Technology	.50				
48.0503	Machine Tool	1.00				
48.0508	Welding Fabrications	1.00				
32.0199	Student Internship (Critical Workplace Skills)	.50				
TOTAL Potential Credits Earned in High School			23	TOTAL Credits Required for Degree or Certificate		64

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